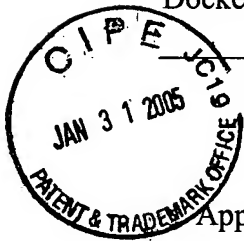


AF
Zhu

AMENDMENT / RESPONSE TRANSMITTAL

Applicant : Botstein, et al.
 App. No. : 10/033,223
 Filed : December 27, 2001
 For : A NUCLEIC ACID
 AMPLIFIED IN LUNG AND
 COLON TUMORS
 Examiner : Spector, Lorraine
 Art Unit : 1647

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

January 26, 2005

(Date)

AnneMarie Kaiser, Reg. No. 37,649

Mail Stop AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing in the above-identified application are the following enclosures:

- (X) Amendment in 18 pages.
- (X) Exhibits 1-6.
- (X) Copy of Power of Attorney (2 pages).

The fee has been calculated as shown below:

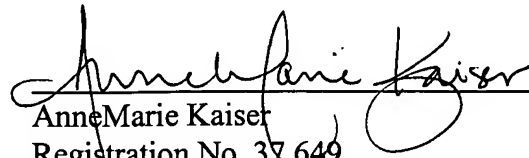
FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Total Claims	16 - 20 = 0	1202 (\$50)	0 x 50 =	\$0
Independent Claims	3 - 3 = 0	1201 (\$200)	0 x 200 =	\$0
Multiple Claim		1203 (\$360)		\$0
1 Month Extension		1251 (\$120)		\$
2 Month Extension		1252 (\$450)		\$
3 Month Extension		1253 (\$1,020)		\$
			TOTAL FEE DUE	\$0

- (X) Return prepaid postcard.



(X)

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.


AnneMarie Kaiser
Registration No. 37,649
Attorney of Record
Customer No. 30,313
(619) 235-8550



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

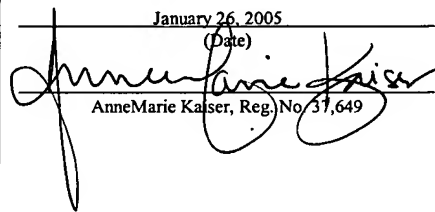
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January 26, 2005

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AnneMarie Kaiser, Reg. No. 37,649

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated December 1, 2004, Applicants submit the following amendment and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.